

20021226.qrp v02_n781.qrl.20021226

Date: Thu, 26 Dec 2002 19:03:08 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2781

QRP-L Digest 2781

Topics covered in this issue include:

- 1) [143158] Re: Radio Shack HTX-10
by "William Phinizy" <k6whp@verizon.net>
- 2) [143159] Book Recommendations!
by "William Phinizy" <k6whp@verizon.net>
- 3) [143160] Re: Class A, B and C vs. Class E and F
by Jeff Furman <jfurman@ocs.net>
- 4) [143161] RE: John Payne and the list
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 5) [143162] Re: Great XYL's
by "Walter AG5P" <walter@accessus.net>
- 6) [143163] Santa came
by hamjoel@juno.com
- 7) [143164] Re: Class A, B and C vs. Class E and F
by "Chris Trask" <chistrask@earthlink.net>
- 8) [143165] Re: Poor list management
by Tim Groat <tcgroat@earthlink.net>
- 9) [143166] Resultls of some impromptu testing of the AE0CW(NOTFI) SLV
by "Jess Gypin" <jessmx5@earthlink.net>
- 10) [143167] Re: Book Recommendations!
by "Tom" <kf4yyd@adelphia.net>
- 11) [143168] re: Sideswiper thread
by Michael Babineau <michael.babineau@sympatico.ca>
- 12) [143169] re Sideswiper
by Michael Babineau <michael.babineau@sympatico.ca>
- 13) [143170] Just got a "NEW" Ten Tec
by "blinn" <blinn@smgazette.com>
- 14) [143171] Summary: [OT] Not QRP (long) Computer
by Brian Short <bshort4@cox.net>
- 15) [143172] Sideswiper
by "Charles Mabbott" <aa8vs@msn.com>
- 16) [143173] NEQRP CW Net, Thursday, 26 Dec 02, 08:30 PM EST, 3.565 MHz
by Chuck Ludinsky <cjl@mitre.org>
- 17) [143174] Re: Radio Shack HTX-10
by Robert Honan <robertus@harbornet.com>
- 18) [143175] Re: Radio Shack HTX-10
by Mark Gilger <mgilger@brightdsl.net>
- 19) [143176] Fw: Radio Shack HTX-10

- by "Walter Amos" <waltk8cvamosqrp@earthlink.net>
- 20) [143177] Re: Just got a "NEW" Ten Tec
by W2AGN <w2agn@w2agn.net>
- 21) [143178] Re: Source of Teflon Coated wire for builders
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 22) [143179] Re: Source of Teflon Coated wire for builders
by "Mike Yetsko" <myetsko@insydesw.com>
- 23) [143180] Re: Source of Teflon Coated wire for builders
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 24) [143181] HB: FS: 2N3553
by "w8diz" <w8diz@fpqrp.com>
- 25) [143182] NOAA weather radio on FT-817
by n5ib@juno.com
- 26) [143183] Re: Radio Shack HTX-10
by "William Phinzy" <k6whp@verizon.net>
- 27) [143184] Re: Radio Shack HTX-10
by "Bill, N4QA" <n4qa@hotmail.com>
- 28) [143185] Teflon Tape
by "Mike Yetsko" <myetsko@insydesw.com>
- 29) [143186] CQ CQ THE FOLLOWING STATES
by David Gilson <kd3em@velocity.net>
- 30) [143187] Re: Just got a "NEW" Ten Tec
by "Winston F. Jones" <winjones@ix.netcom.com>
- 31) [143188] Re: Teflon Tape
by "Joe Martin" <km5cw@arrl.net>
- 32) [143189] Wanted: DSW Xcvt
by "Alan Fryer" <N3BJ@hotmail.com>
- 33) [143190] Re: Just got a "NEW" Ten Tec
by David Heintzleman <pstrdave@kdsi.net>
- 34) [143191] UNSUBSCRIBE QRP-L
by Janne <sm6sjw@home.se>
- 35) [143192] St. Louis Key,bug info on cleaning
by "Joe Martin" <km5cw@arrl.net>
- 36) [143193] Fox Dec 19 2002 K0FRP
by alk0frp@attbi.com
- 37) [143194] The Radio Shack HTX-10: A Quick Review
by wkhibbert@juno.com
- 38) [143195] Garage Time and Discoveries - A little long
by "Jay" <aj4ay@worldnet.att.net>
- 39) [143196] Help with Sprat CD
by ronald@atdial.net
- 40) [143197] OT: National CB Channel 21.430
by ARDUJENSKI@aol.com
- 41) [143198] [Archaic Methods] FWD: Filter Design, Modeling and Testing
by "Brad Hernlem" <alihernlem@hotmail.com>
- 42) [143199] CapacitiveTouch pad IC
by Steven Weber <kd1jv@moose.ncia.net>
- 43) [143200] Panfish Pole Vertical--IMPRESSED

- by ARDUJENSKI@aol.com
- 44) [143201] Wanted--INRAD 751 cw filtre
by "Doc K0EVZ" <dock0evz@earthlink.net>
 - 45) [143202] Ten-Tec ebclosure closeout
by guy ghisu <guyg@bellatlantic.net>
 - 46) [143203] WTB: OHR Scaf Filter
by "NZ8J" <nz8j@woh.rr.com>
 - 47) [143204] Re: RFI from PCs
by "James Reid" <jreid4@earthlink.net>
 - 48) [143205] [CONTEST] N2CQ QRP Contest Calendar, Dec 26-31
by "Ken Newman" <N2CQ@Dandy.Net>
 - 49) [143206] RE: CapacitiveTouch pad IC
by jacksonharbor@att.net
 - 50) [143207] SLV information posted at the HFpack gruop site on yahoo.
by "Jess Gypin" <jessmx5@earthlink.net>
 - 51) [143208] Re: GB> Filter Design, Modeling and Testing
by "Brad Hernlem" <alihernlem@hotmail.com>
 - 52) [143209] qrp WAS
by "Karl F. Larsen" <k5di@zianet.com>
 - 53) [143210] Re: Garage Time and Discoveries - A little long
by "Dave WR50" <dendav@dzdn.com>

Date: Wed, 25 Dec 2002 16:47:10 -0800
From: "William Phinizy" <k6whp@verizon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [143158] Re: Radio Shack HTX-10
Message-ID: <000b01c2ac78\$5885c550\$2163e043@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

(This message is sent to the list for the benefit of others who may be interested)

Steve, N4EUK asked:

"How do you get the 100Khz offset for the 10M repeaters to stay in memory? Funny that this rig has FM, but only 5 memories and the offset resets when I turn the power off."

The HTX-10 -- at least the one I have -- seems to save the state of the rig when you memorize a frequency. This includes the frequency, shift, and mode. So just dial in - say - 29.660, minus shift, and 100 Hz shift, and save it into any memory.

By the way, not to brag, but I racked up Chile this afternoon (CE3CTG) and, like Steve says, I too am not a purist. I worked him on 25 watts.

Gosh, ham radio is fun!

72,

Bill, k6whp

Date: Wed, 25 Dec 2002 17:11:10 -0800
From: "William Phinizy" <k6whp@verizon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [143159] Book Recommendations!
Message-ID: <001101c2ac7b\$ae89b350\$2163e043@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

As long as some recommend that we read before we ask questions, here are a couple of book recommendations for the group mind. These are two excellent resources; they are great books on basic electronics and communications.

I happened to stumble on this one in Barnes & Noble and couldn't believe the price until I realized that it was a Dover Edition reprint of a Bureau of Naval Personnel text. What the heck, we taxpayers paid for it, we might as well benefit. They sold it for about \$10.00, Amazon sells it for \$12.00 or so. Still cheap:

Basic Electronics
by Bureau Of Naval Person U S. Navy
ISBN 0-486-21076-6

This next one is terrific! I happened to get this at a library book sale for a buck! The late Roger McCarty, KD6CC, commented that he had used it as a text when he learned electronics. If it taught Roger what he knew (which was considerable), then it has to be a "must-have". It is very well written, contains tube, transistor, commercial, and amateur theory, and is comprehensive! It is out of print but copies can be had at amazon.com used books.

Electronic Communication
by Robert L. Shrader
0-07-057150-3

Try this URL:

http://www.amazon.com/exec/obidos/tg/stores/offering/list/-/0070571503/all/ref=dp_pb_a/104-1073082-8811100

72 and happy learning,

Bill, k6whp

Date: Wed, 25 Dec 2002 17:47:28 -0800 (PST)
From: Jeff Furman <jfurman@ocs.net>
To: qrp-1@lehigh.edu
Subject: [143160] Re: Class A, B and C vs. Class E and F
Message-ID: <Pine.LNX.4.21.0212251726380.6456-100000@ocs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just received my copy of the December 2002 issue of "Microwave Journal." It has a tutorial article: "High Efficiency Class B, E, and F Power Amplifiers: The Magic of Parallel Circuits." The term parallel circuits refers to the necessary reactive elements in the collector circuit, not parallel transistors, etc. to increase power capability. There is some comparison among the three classes of operation. Be prepared for some unavoidable mathematical descriptions in the analysis.

The article is available at the web site:

www.mwjjournal.com

Access to the article requires registration with the site, but, access is immediate after registration, so no vetting seems to be done. This suggests that a terribly creative job and industry description isn't necessary.

73 AD6MX Jeff Furman

Date: Wed, 25 Dec 2002 20:51:47 -0500 (EST)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: W2AGN <w2agn@w2agn.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [143161] RE: John Payne and the list
Message-ID: <20021225205105.H18432-100000@unix1.vhost.min.net>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Dec 2002, W2AGN wrote:

> Congratulations, you have now tangled with the list idiot, and the list
> paranoid schizophrenic. Makes me (the list curmudgeon) seem not so
> bad.... ;-)

What's that old line? Beauty is in the eye of the beholder?

Merry Xmas

Thom

baltimoremd@baltimoremd.com	Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com/	Home of the Baltimore Lexicon
http://www.zerobeat.net	Home of The QRP Web Ring and DrakeList
http://www.tlchost.net	Web Hosting as low as \$3.49/month

Date: Wed, 25 Dec 2002 20:18:44 -0600
From: "Walter AG5P" <walter@accessus.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [143162] Re: Great XYL's
Message-ID: <000401c2ac85\$1e6d42a0\$04466ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

Well the radio Santa also hit this household.
The XYL Joy, NQ5R, jumped and gave me something
that was on the wish list but I would not buy for myself.

The radio XYL Santa presented me with a Ten-Tec
limited edition Vibroplex iambic paddle. We drooled
over them at the T-T Hamfest so she slipped in and
did the deed. WoW, it is impressing and the feel is just
as remembered.....silky smooth. Serial # is 1037

Since a digital camera was not on the list.....you can
see a replica at <http://www.tentec.com/vibpaddle.htm>

She also was holding back wishing for a new 2 meter
rig for her truck.....we live out in the sticks and still
use VHF for keeping in touch with the world. So she
has a new Yaesu FT-1500 rig and a new digital VOM
to put on her builder's workbench. It really is
embarrassing, cause she builds projects faster than I
seem to do.....grin!

Happy Holidays,
72 / 73...Walter, AG5P

Date: Thu, 26 Dec 2002 02:18:25 GMT
From: hamjoel@juno.com
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [143163] Santa came
Message-ID: <20021225.181925.10255.480534@webmail3.wlv.unttd.com>

High y'all

high margaret, yea its me again...

Santa done come up heah in the sneaux with his bateaux and
flying gators... oh boy what a party...

I left santa a note but he only corrected my spelling and gramar and said to
send it in next year when its wrote up rite....

so this year ah gots some solder, gonna get the solder gun for my birthday next
dec.... then gonna get a lectronic kit for christmas

oh boy, the bon fires roared on the mississippi levee to guide santa
again... papa noel actually... don't want to get too picky heah...

so loosen up, lighten up and got u selfs on the radio

joyeaux noel

ke1la joel

in maine

working on santa's letter

KE1LA JOEL
IN MAINE
FREEZIN

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Date: Wed, 25 Dec 2002 19:22:32 -0700
From: "Chris Trask" <chistrask@earthlink.net>
To: <jfurman@ocs.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [143164] Re: Class A, B and C vs. Class E and F
Message-ID: <00b401c2ac85\$a6aa4640\$8a8d3a41@ctrask>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

>
> I just received my copy of the December 2002 issue of "Microwave
> Journal." It has a tutorial article: "High Efficiency Class B, E, and F
> Power Amplifiers: The Magic of Parallel Circuits." The term parallel
> circuits refers to the necessary reactive elements in the collector
> circuit, not parallel transistors, etc. to increase power
> capability. There is some comparison among the three classes of
> operation.
>

I just grabbed my copy off the "must read" pile. Nice article.
Couldn't have come at a better time.

Chris

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/  What's all this  \
/ extinct stuff, anyhow? /
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High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: chistrask@earthlink.net
<http://www.home.earthlink.net/~chistrask>

Graphics by Loek Frederiks

Date: Wed, 25 Dec 2002 19:31:28 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [143165] Re: Poor list management
Message-ID: <5.1.1.6.2.20021225192155.009ea980@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ricardo,

I suspect that part of the problem is that your outgoing mail has HTML formatting. This may not show if you read individual messages, because the mail reader processes the message as HTML. But if you read the daily list digest, the HTML commands will be visible, as shown in the portion quoted below. These commands may be confusing the list server.

See if your email has an option to send mail as plain text. That will work better with the list server, and also makes your message much more readable in the daily digest.

72,

Tim (KR0U)

>Ricardo Sastre Plaza <rsastre1@eresmas.com>:
>
>=3Ctable border=3D0 width=3D=22100=25=22 cellpadding=3D=228=22 cellpaddi=
>ng=3D=228=22=3E=3Ctr=3E=3Ctd bgcolor=3D=22=23ffffff=22=3E=3CSPAN style=3D=
>=22FONT-SIZE=3A 11px=3B COLOR=3A =23000000=3B FONT-FAMILY=3A monospace=22=
>=3E
>=3CP class=3DMsoNormal style=3D=22MARGIN=3A 0cm 0cm 0pt=22=3E=3CSPAN lang=
>=3DEN-GB style=3D=22mso-ansi-language=3A EN-GB=22=3E=3CFONT size=3D3=3E=3C=
>FONT face=3D=22Times New Roman=22=3EMy ISP has changed from POP mail to w=
<snip>

Date: Wed, 25 Dec 2002 20:04:40 -0700
From: "Jess Gypin" <jessmx5@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
<FT817@yahoogroups.com>, <hfpack@yahoogroups.com>
Subject: [143166] Resultls of some impromptu testing of the AE0CW(N0TFI) SLV
Message-ID: <007c01c2ac8b\$89bb99c0\$41365742@jgypin>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How many of you remember the SLV? Many I think. How many also remember the W6MMA coil mod to the SLV? I just sold my last one. I still have the (NOTFI)AE0CW version of the SLV. Very very easy to make and it works. It is the original 20 foot Black Widow fishing pole. The bottom of the pole is insulated with pipe insulation and wrapped with nickel plated wire. It is a poor mans 20 foot screw driver antenna. I have it setup in the back yard with radials for 40 meters, 4 of them, clipped to the base and just laying on the ground. This is the original SLV folded radials made from twin lead. Tapped the coil for resonance on 40 meters. 1.5:1.

I have tested this with several stations at 400-800 miles out. Comparison antenna was a 40 meter full wave delta loop at 40 feet to the apex top fed with the bottom 6 feet off of the ground. The SLV was on the average only 1-2 s units down if down at all and sometimes equal to the delta loop. Much noisier on receive obviously.

I can post some digital pics of it tomorrow if anyone is interested. I also still have the original web page information on this if anyone is interested. Can you still get the 20 foot black widow from Cabelas?

Jess AE0CW

Date: Wed, 25 Dec 2002 22:19:12 -0500
From: "Tom" <kf4yyd@adelphia.net>
To: <qrp-l@Lehigh.EDU>
Subject: [143167] Re: Book Recommendations!
Message-ID: <EIEBLEILGEEGMLHGH0AGKEEJCCAA.kf4yyd@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

On the other hand if you would like some free access to quite a bit of training material provided by the US Navy, try this link:
www.advancement.cnet.navy.mil . Some of the training material is classified so therefore you can't download or view it, but a large chunk of it is available for public distribution. For example under the 'N' link you can find all of the NEETS modules (Navy Electricity and Electronics Training Series). While this info is not "Engineering" level stuff it is great for

those of us who are, or want to be self-educated at the "Technician" level.

Tom kf4yyd
Fredericksburg, Va.

Date: Wed, 25 Dec 2002 22:36:24 -0500
From: Michael Babineau <michael.babineau@sympatico.ca>
To: plburbank@earthlink.net
Cc: qrp-1@Lehigh.EDU
Subject: [143168] re: Sideswiper thread
Message-ID: <352864BC-1883-11D7-AE53-00039309268A@sympatico.ca>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v548)
Content-Transfer-Encoding: 7bit

Pete wrote :
>A sideswiper
>category for SKN would be interesting . After all, it is not
electronic or
>possess a "ditter" like a bug.

FYI I checked with ARRL a few weeks ago and for the purposes of SKN
a Bug is actually considered a straight Key so it is valid for SKN
contacts.

Michael VE3WMB

Date: Wed, 25 Dec 2002 22:38:23 -0500
From: Michael Babineau <michael.babineau@sympatico.ca>
To: w7kxb@cox.net
Cc: qrp-1@Lehigh.EDU
Subject: [143169] re Sideswiper
Message-ID: <7C805F5E-1883-11D7-AE53-00039309268A@sympatico.ca>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v548)
Content-Transfer-Encoding: 7bit

I believe that what you are looking for was also
called a Cootie Key.

Try Tom Perera's excellent site ... this particular page has some info on the Bunnell Sideswiper.

<http://www.chss.montclair.edu/~pererat/m3000.htm>

Also try this reference with lots of info including two currently manufactured cooties!

<http://mtechnologies.com/cootie.htm>

Michael VE3WMB

Date: Wed, 25 Dec 2002 19:49:22 -0800
From: "blinn" <blinn@sngazette.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [143170] Just got a "NEW" Ten Tec
Message-ID: <003a01c2ac91\$c77eb340\$ad70ef42@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi guys, gals and kids.... hope you all had a great day today.

The "New" Ten Tec mentioned in the Subject line was a wonderful gift from a cousin (KC0BD) in Kansas. How many of you remember model PM3I don't recall ever seeing one before. It plays very well. Worked a station (NJ7M, Chuck) in Boise this morning. He was very loud and gave me a 569, which pleased me. The output of the PM3 reads 1.5 watts on my "Calibrated" NoGa Wattmeter. The DC receiver seems to have great sensitivity. But.... no RIT! The offset seems to be little or none. So, I'm wondering if someone on the list has experience with the PM3 and is there a provision to shift this baby a little to the left? Also, was this one of Ten Tec's early kits? Or, was it a finished rig? And, while I'm asking, has anyone added QSK to the PM3?

JD (my cousin) knows how much I love CW QRP (and lower) so he was a very thoughtful giver, sending me this little rig. It has two bands, 20 and 40 meters. Haven't tried 20 yet but maybe tomorrow. I took the cover off and peeked inside, wow! The innards are in great condition no dust, dirt or grime and I didn't see any smoke trying to get out either! :)

Thanks and Best Holiday Wishes to all the great guys and gals (kids too) on the list. And.... I second the previous "Thank You" to all the parts suppliers, kit providers, question answerers, especially a few that I

consider "High Calibre"... Paul Harden, Glen Leinwebber, Chuck Adams, Steve Weber, Dave Benson... (Wow, I shouldn't have started listing.. it just goes on and on.) These guys are great "Elmers," so let's give 'em three hardy cheers for all the helpful advice, technique, product, etc., they've provided over the years. Thanks so much, guys.

Best Regards,

Bill - WA7TQK... in "Snowless" St. Maries Idaho. :)

[SMGazette.com E-mail is scanned for viruses by Declude Virus]
[Visit us on the web at SMGazette.com]

Date: Wed, 25 Dec 2002 21:58:49 -0500
From: Brian Short <bshort4@cox.net>
To: Low Discussion <qrp-1@Lehigh.EDU>
Subject: [143171] Summary: [OT] Not QRP (long) Computer
Message-ID: <F51C28A4-187D-11D7-802D-00306543B616@cox.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v551)
Content-Transfer-Encoding: 7bit

Repartitioning an NTFS partition to run Linux is difficult or impossible without Partition Magic.

There may be a Russian program available freely, but it is not clear that is the case.

I purchased new product Partition Magic Version 8 on eBay for \$24 + \$6s/h.

Hate spending money!

Oh, Yeah, Santa brought me a new pair of Birkenstocks (sandals).

Thanks.

On Tuesday, December 24, 2002, at 08:47 PM, geoff allsup wrote:

> I'll second the recommendation for Partition Magic; I've used it many
> times on many machines over a number of years; version 8.0 is very
> easy to use.

--

See my web page: <http://www.k7on.com>

Date: Wed, 25 Dec 2002 22:51:49 -0500
From: "Charles Mabbott" <aa8vs@msn.com>
To: michael.babineau@sympatico.ca, qrp-1@Lehigh.EDU
Subject: [143172] Sideswiper
Message-ID: <F20xB8rXhfKRWmLnPWf0000a0a1@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Nice write up on "double speed" or "cootie" key in:
<http://www.raes.ab.ca/book/c10.htm>

Seasons greetings to everyone on list.....

73 oo
Chuck AA8VS

>From: Michael Babineau <michael.babineau@sympatico.ca>
>Reply-To: michael.babineau@sympatico.ca
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: re Sideswiper
>Date: Wed, 25 Dec 2002 22:38:23 -0500
>
>I believe that what you are looking for was also
>called a Cootie Key.
>
>Try Tom Perera's excellent site ... this particular
>page has some info on the Bunnell Sideswiper.
>
><http://www.chss.montclair.edu/~pererat/m3000.htm>
>
>Also try this reference with lots of info including two
>currently manufactured cooties!
>
><http://mtechnologies.com/cootie.htm>
>
>Michael VE3WMB

The new MSN 8: smart spam protection and 3 months FREE*.
<http://join.msn.com/?page=features/junkmail&xAPID=42&PS=47575&PI=7324&DI=7474&SU=>

http://www.hotmail.msn.com/cgi-bin/getmsg&HL=1216hotmailtaglines_smartspamprotection_3mf

Date: Wed, 25 Dec 2002 23:12:02 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jona1.net, qrp-1@lehigh.edu
Subject: [143173] NEQRP CW Net, Thursday, 26 Dec 02, 08:30 PM EST, 3.565 MHz
Message-ID: <3E0A8191.6000105@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The New England QRP Club's 80M CW net, WQ1RP, will meet again on Thursday, 26 December 2002, at 8:30 PM EST (01:30Z, 27 Dec 02) on or near 3.565 MHz. All hams are welcome. Net control operator will be Chuck, K1CL, operating from Chelmsford, MA.

Last week's net had a total of seven participants, all with excellent signals:

WA8BXN	Mike	nr Cleveland, OH	589
WB1HBE	John	Chelmsford, MA	599
W1PID	Jim	Sanbornton, NH	589
W2BVH	Lenny	NY	599
K1YPP	Dennis	Hampsted, NH	599
KA3WMJ	Ken	Erwinna, PA	599
K1CL	Chuck	Chelmsford, MA	net op

Thanks to everyone for QNI'ing. Hope to hear you all again this week.

72 DE K1CL,
Chuck

Date: Wed, 25 Dec 2002 22:49:51 -0800
From: Robert Honan <robertus@harbornet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [143174] Re: Radio Shack HTX-10
Message-ID: <3E0AA68F.44A5F7BF@harbornet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Guess what the jolly bearded fat man left under the tree for me. Unfortunately my brother overlooked the subtle hint (an e-mail that let him know what the sister and b.i.l. were giving and the stock number at Radio Shack) I gave him and he didn't get a power supply for me. So I can't try it out right away.

Sure am glad my sister, brother in law, and nephew were kind enough to have that radio for me when I got to their house. All I had in my boot this morning was a lump of coal and a new hickory switch. Need to find me a girl with a good job before next year. Then maybe I'll find a better radio under the tree next year.

--

Robert J. Honan KD7QLJ <kd7qlj@arrl.net>

~~~~~  
There are 10 types of people in the world:  
those that understand binary, and those that don't.

-----  
Date: Thu, 26 Dec 2002 08:25:55 -0500  
From: Mark Gilger <mgilger@brightdsl.net>  
To: radioham@comcast.net,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [143175] Re: Radio Shack HTX-10  
Message-ID: <5.1.0.14.2.20021226082531.03e5cea8@mail.brightdsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Does anyone know if the radio does AM?  
Mark

At 12:51 PM 12/25/2002 -0500, Radioham wrote:

>There has been a lot of discussion on other lists about the demise of  
>Radio Shack ham radio products, so I wandered into a local one on Monday  
>and the only thing they had was the HTX-10 on clearance for \$90. That's  
>down from an original price of \$150. I know it's not a perfect rig (as  
>many have stated here), but that was a buy price for me. Hooked it up in  
>the car and immediately started working DX. Not bad for 25 watts max (you  
>can dial the power down easily from the front panel) and a sawed off CB whip.  
>  
>Don't know how many are left in stock elsewhere - the one I purchased was  
>the last one my local store had in a box, but it looks like there won't be  
>any more RS ham equipment coming out in the future.  
>



>72/73,  
>  
>Steve, N4EUK  
>Reston, VA

-----  
Date: Thu, 26 Dec 2002 09:24:12 -0500  
From: "Walter Amos" <waltk8cvamosqrp@earthlink.net>  
To: "Qrp-L Posts" <qrp-l@lehigh.edu>  
Subject: [143176] Fw: Radio Shack HTX-10  
Message-ID: <000d01c2acea\$771b5580\$dcd479a5@waltamos>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Does anyone know if it get the weather :-))))))))))

----- Original Message -----

From: "Mark Gilger" <mgilger@brightdsl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, December 26, 2002 8:25 AM  
Subject: Re: Radio Shack HTX-10

> Does anyone know if the radio does AM?  
> Mark  
>  
> At 12:51 PM 12/25/2002 -0500, Radioham wrote:  
> >There has been a lot of discussion on other lists about the demise of  
> >Radio Shack ham radio products, so I wandered into a local one on Monday  
> >and the only thing they had was the HTX-10 on clearance for \$90. That's  
> >down from an original price of \$150. I know it's not a perfect rig (as  
> >many have stated here), but that was a buy price for me. Hooked it up in  
> >the car and immediately started working DX. Not bad for 25 watts max  
> (you  
> >can dial the power down easily from the front panel) and a sawed off CB  
> whip.  
> >  
> >Don't know how many are left in stock elsewhere - the one I purchased was  
> >the last one my local store had in a box, but it looks like there won't  
> be  
> >any more RS ham equipment coming out in the future.  
> >  
> >72/73,  
> >

> >Steve, N4EUK  
> >Reston, VA  
>

-----  
Date: Thu, 26 Dec 2002 09:26:42 -0500  
From: W2AGN <w2agn@w2agn.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [143177] Re: Just got a "NEW" Ten Tec  
Message-ID: <3E0ACB52.12556.13BCA438@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 25 Dec 2002 at 19:49, blinn wrote:

The output of the PM3 reads 1.5 watts on my "Calibrated" NoGa  
> Wattmeter. The DC receiver seems to have great sensitivity. But....  
no  
> RIT! The offset seems to be little or none. So, I'm wondering if  
someone  
> on the list has experience with the PM3 and is there a provision to  
shift  
> this baby a little to the left? Also, was this one of Ten Tec's early  
> kits? Or, was it a finished rig? And, while I'm asking, has anyone  
added  
> QSK to the PM3?

Haven't noticed the offset problem with my PM3A. Also, it puts out about  
4 watts. The "basic" PM3 may be less. My PM-2B is around 1.5 watts out.  
The PM3A has the "break in board". Actually, semi break in. I have the  
schematic for the tentec board if you like I'll scan it and send it to  
you.

Fun little rig. I like it better than the HW8.

---  
+---+---+---+---+ John L. Sielke  
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]  
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Thu, 26 Dec 2002 09:59:20 -0500  
From: "Michael C. Boatright" <ko4wx@mindspring.com>  
To: qrp-1@lehigh.edu  
Cc: k7qo@earthlink.net  
Subject: [143178] Re: Source of Teflon Coated wire for builders  
Message-ID: <5.0.2.1.2.20021226095558.025d0660@pop.mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Chuck,

On a slightly related side note, do you know if you can use the Teflon "pipe dope" (I don't know what you really call the stuff) as insulation? It's the white ribbon like stuff that you use instead of the old pipe dope when connecting sections of threaded pipe. Comes in a small red spool, ribbon is about 1/2 inch wide. Being Teflon, will it take heat?

72 de Mike, K04WX  
Michael C. Boatright

-----  
Date: Thu, 26 Dec 2002 10:03:59 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <ko4wx@mindspring.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [143179] Re: Source of Teflon Coated wire for builders  
Message-ID: <000f01c2acf0\$061a2360\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You mean 'Teflon tape' in the plumbing supply sections.

I suppose you could use it, but it's quite fragile. You'd have to be very careful with it.

Mike

> Chuck,  
>  
> On a slightly related side note, do you know if you can use the Teflon  
> "pipe dope" (I don't know what you really call the stuff) as  
> insulation? It's the white ribbon like stuff that you use instead of  
> the  
> old pipe dope when connecting sections of threaded pipe. Comes in a

small

> red spool, ribbon is about 1/2 inch wide. Being Teflon, will it take heat?

>

> 72 de Mike, K04WX

> Michael C. Boatright

-----  
Date: Thu, 26 Dec 2002 10:08:19 -0500

From: "Michael C. Boatright" <ko4wx@mindspring.com>

To: "Mike Yetsko" <myetsko@insydesw.com>

Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [143180] Re: Source of Teflon Coated wire for builders

Message-ID: <5.0.2.1.2.20021226100628.02560ec0@pop.mindspring.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Yup. That's the stuff. Guess I haven't yet awoken from my long winter's nap (feel sorry for you folks in the NE...that mess came through Georgia Tuesday morning, and I had a good bit of Peachtree Creek in my back yard for the day).

Do you know if it will take any heat (recently I was working on a QRO amp and wondered if I could use it to insulate the output transformer...).

72 de Mike, K04WX

At 10:03 AM 12/26/2002 -0500, Mike Yetsko wrote:

>You mean 'Teflon tape' in the plumbing supply sections.

>

>I suppose you could use it, but it's quite fragile. You'd have to be very careful with it.

>

>Mike

>

> > Chuck,

> >

> > On a slightly related side note, do you know if you can use the Teflon

> > "pipe dope" (I don't know what you really call the stuff) as

> > insulation? It's the white ribbon like stuff that you use instead of the

> > old pipe dope when connecting sections of threaded pipe. Comes in a small

> > red spool, ribbon is about 1/2 inch wide. Being Teflon, will it take heat?

> >

> > 72 de Mike, K04WX

> > Michael C. Boatright

-----  
Date: Thu, 26 Dec 2002 10:20:15 -0500  
From: "w8diz" <w8diz@fpqrp.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [143181] HB: FS: 2N3553  
Message-ID: <002901c2acf2\$4b0d2150\$b8cf1d41@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

I just received 100+ pieces of 2N3553 transistors.  
As far as I know, they are hard to find at a resonable price.  
I'll add them to my web site when I get a chance at \$2 each.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W  
FP#-1 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 HIqrp-400  
<http://kitsandparts.com>

-----  
Date: Thu, 26 Dec 2002 10:23:52 EST  
From: n5ib@juno.com  
To: qrp-1@Lehigh.edu  
Subject: [143182] NOAA weather radio on FT-817  
Message-ID: <20021226.091939.4631.1.n5ib@juno.com>

Recalling some wistful wishes from way back and a recent idea (sorry -  
don't recollect the poster, so can't give due credit) posted to the list,  
I rummaged the parts bin this morning and came up with one of those TTL  
clock oscillator cans - this one for 15 MHz.

Clip leaded +5 and ground, added another clip lead on the output pin.  
Tuned my RadioShack HT to 147.4 MHz and brought it within a few inches of  
the "antenna" lead from the oscillator can. Presto - NOAA weather from  
162.4 MHz, loud and clear. (162.4 - 15.0 = 147.4)  
Ain't nonlinear responses beautiful :^)) Ought to work with any  
radio with a wide front end. So far it works with the RS 200, 202, and

242. No 817's nearby to check though...

I smell a kit - "FT-817 NOAA Weather Adapter"

72

Jim N5IB

---

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---

Date: Thu, 26 Dec 2002 07:31:56 -0800  
From: "William Phinizy" <k6whp@verizon.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Cc: <mgilger@brightdsl.net>  
Subject: [143183] Re: Radio Shack HTX-10  
Message-ID: <000901c2acf3\$edefeeb0\$5863e043@k6whp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

>>Does anyone know if the radio does AM?  
>>Mark

..It does -- 7 Watts out.

---

Date: Thu, 26 Dec 2002 10:48:55 -0500  
From: "Bill, N4QA" <n4qa@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [143184] Re: Radio Shack HTX-10  
Message-ID: <BAY1-F135c1o8yfogkJ0001d678@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Seems like R/S has gone into and out of the ham biz a bunch of times over the past several decades.

I shouldn't be surprised to see a ham offering pop up from time to time. R/S does have a large distribution system that could benefit any would-be manufacturer of electronic 'stuff'.

\*If\* there's a buck in it for all concerned...

Anyway, I'd buy from them again if there existed:

- 1) The right product
- 2) The right price
- 3) The right time

73.

Bill, N4QA

<http://www.qsl.net/n4qa/>

---

MSN 8 with e-mail virus protection service: 3 months FREE\*.

<http://join.msn.com/?page=features/virus&xAPID=42&PS=47575&PI=7324&DI=7474&SU=>

<http://www.hotmail.msn.com/cgi-bin/>

getmsg&HL=1216hotmailtaglines\_eliminateviruses\_3mf

-----  
Date: Thu, 26 Dec 2002 10:53:05 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <ko4wx@mindspring.com>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [143185] Teflon Tape

Message-ID: <001b01c2acf6\$e6a99180\$0300a8c0@charter.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> Do you know if it will take any heat (recently I was working on a QRO  
amp

> and wondered if I could use it to insulate the output transformer...).

>

> 72 de Mike, K04WX

I suppose you mean if you tried to use it as a heat sink insulator.

There I don't know. I guess I'd have to experiment.

I CAN tell you though that the stuff is tough and fragile at the same time.

Poking a hole through it for a mounting screw may be an exercise in futility. If you could get a small 'punch', like a paper punch for 1/8"

that  
might work. If you try to 'poke' a hole, I imagine you would tear it up.  
(It's kind of 'stringy' when you do things to it.)

Mike

-----  
Date: Thu, 26 Dec 2002 11:04:58 -0500  
From: David Gilson <kd3em@velocity.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [143186] CQ CQ THE FOLLOWING STATES  
Message-ID: <3E0B28AA.1FD2EDF2@velocity.net>  
MIME-Version: 1.0  
Content-Type: text/html; charset=us-ascii  
Content-Transfer-Encoding: 7bit

<!doctype html public "-//w3c//dtd html 4.0 transitional//en">  
<html>  
GOOD MORNING TO EVERY ONE, I HOPE YOU ALL HAD A GREAT CHRISTMAS.&nbsp;  
I WAS WONDERING IF THE CHRISTMAS SPRIT WAS STILL OUT THERE.&nbsp; I AM  
WORKING ON MY W.A.S. QRP CW AND NEED JUST A COUPLE MORE STATES TO FINISH  
UP.  
<p>WORKED BUT NO CARD FROM:  
<p>CONNECTICUT  
<br>DELAWARE  
<br>NEW JERSEY  
<br>WEST VIRGINIA  
<p>STILL NEED TO WORK:  
<p>MONTANA  
<br>RHODE ISLAND  
<br>WYOMING  
<p>I AM ON VACATION UNTIL THE 29 OF DECEMBER SO ANY TIME OR FREQUENCY I  
CAN MAKE MYSELF AVAILABLE.&nbsp; I WILL ALSO BE OFF FROM THE 1 JANUARY  
TO 5 JANUARY.&nbsp; IF YOU WANT TO SET UP A SCHEDULE PLEASE FEEL FREE TO  
E-MAIL ME EITHER ON THE LIST OR IN PERSON.  
<p>I WANT TO THANK YOU ALL FOR LETTING ME POST THIS AND WISHING YOU ALL  
A VERY MERRY CHRISTMAS AND JOYOUS NEW YEAR.  
<p>73 & 72 DE DAVE KD3EM  
<p>ARCI# 8126  
<br>FISTS#8460  
<br>CC# IN THE MAIL.....:-)  
<br>&nbsp;</html>



Date: Thu, 26 Dec 2002 11:12:21 -0500  
From: "Winston F. Jones" <winjones@ix.netcom.com>  
To: <blinn@smgazette.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [143187] Re: Just got a "NEW" Ten Tec  
Message-ID: <000901c2acf9\$937137e0\$710afea9@winston>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The PM-3 was a finished rig, one of the Power Mite series of QRP rigs, offered by Ten-Tec from about 1969 to 1973. The PM-3 was the biggest of the PM series, with two transistor output. The PM-2A (80, 40, 15 meters) and PM-2B (80,40, 20 meters) had only one transistor in output and less power out.

Ten-Tec also offered the modules used in the PM series, so you could homebrew your own rig and enclosure.

The PM-3A had semi-break in keying, but not complete QSK. Ten-Tec introduced QSK keying with the Argonaut 505.

The PM rigs have no offset. You tune on the high side, slightly above zero beat and the pull on the oscillator brings it close to zero beat. Crude, but it works.

73, Winston K4CWQ

----- Original Message -----

From: "blinn" <blinn@smgazette.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, December 25, 2002 22:49 PM  
Subject: Just got a "NEW" Ten Tec

> Hi guys, gals and kids.... hope you all had a great day today.  
>  
> The "New" Ten Tec mentioned in the Subject line was a wonderful gift from  
a  
> cousin (KCOBD) in Kansas. How many of you remember model PM3I don't  
recall  
> ever seeing one before. It plays very well. Worked a station (NJ7M,  
> Chuck) in Boise this morning. He was very loud and gave me a 569, which  
> pleased me. The output of the PM3 reads 1.5 watts on my "Calibrated" NoGa  
> Wattmeter. The DC receiver seems to have great sensitivity. But.... no  
> RIT! The offset seems to be little or none. So, I'm wondering if someone  
> on the list has experience with the PM3 and is there a provision to shift  
> this baby a little to the left? Also, was this one of Ten Tec's early  
> kits? Or, was it a finished rig? And, while I'm asking, has anyone

added  
> QSK to the PM3?  
>  
> JD (my cousin) knows how much I love CW QRP (and lower) so he was a very  
> thoughtful giver, sending me this little rig. It has two bands, 20 and 40  
> meters. Haven't tried 20 yet but maybe tomorrow. I took the cover off  
and  
> peeked inside, wow! The innards are in great condition no dust, dirt or  
> grime and I didn't see any smoke trying to get out either! :)  
>  
> Thanks and Best Holiday Wishes to all the great guys and gals (kids too)  
on  
> the list. And.... I second the previous "Thank You" to all the parts  
> suppliers, kit providers, question answerers, especially a few that I  
> consider "High Calibre"... Paul Harden, Glen Leinwebber, Chuck Adams,  
Steve  
> Weber, Dave Benson... (Wow, I shouldn't have started listing.. it just  
goes  
> on and on.) These guys are great "Elmers," so let's give 'em three hardy  
> cheers for all the helpful advice, technique, product, etc., they've  
> provided over the years. Thanks so much, guys.  
>  
> Best Regards,  
>  
> Bill - WA7TQK... in "Snowless" St. Maries Idaho. :)  
>  
> ---  
> [SMGazette.com E-mail is scanned for viruses by Declude Virus]  
> [Visit us on the web at SMGazette.com]  
>

-----  
Date: Thu, 26 Dec 2002 10:13:58 -0600  
From: "Joe Martin" <km5cw@arrl.net>  
To: "qrp-1" <qrp-1@Lehigh.EDU>  
Subject: [143188] Re: Teflon Tape  
Message-ID: <00d001c2acf9\$cc311c80\$3e4bbbd0@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I've run into this stuff, it's ok, but does break down after a bit to bond,  
then gets tacky then messy depending on how much you put it through, not my  
first choice for sure.

73 de KM5CW Joe

FISTS #4217 QRP/ARCI #11368 NETXQRP#42  
RockMite 20  
GRID-EM13kf  
(<http://web.wt.net/~km5cw>)

..\_.. \_..\_.. \_..\_..

----- Original Message -----

From: "Mike Yetzko" <[myetzko@insydesw.com](mailto:myetzko@insydesw.com)>  
To: "Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Sent: Thursday, December 26, 2002 9:53 AM  
Subject: Teflon Tape

> > Do you know if it will take any heat (recently I was working on a QRO  
> amp  
> > and wondered if I could use it to insulate the output transformer...)  
> >  
> > 72 de Mike, K04WX  
>  
> I suppose you mean if you tried to use it as a heat sink insulator.  
>  
> There I don't know. I guess I'd have to experiment.  
>  
> I CAN tell you though that the stuff is tough and fragile at the same  
> time.  
> Poking a hole through it for a mounting screw may be an exercise in  
> futility. If you could get a small 'punch', like a paper punch for 1/8"  
> that  
> might work. If you try to 'poke' a hole, I imagine you would tear it up.  
> (It's kind of 'stringy' when you do things to it.)  
>  
> Mike  
>

-----

Date: Thu, 26 Dec 2002 16:33:29 +0000  
From: "Alan Fryer" <[N3BJ@hotmail.com](mailto:N3BJ@hotmail.com)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [143189] Wanted: DSW Xcvt  
Message-ID: <[0E27diixjnzi95HfqR7000001685@hotmail.com](mailto:0E27diixjnzi95HfqR7000001685@hotmail.com)>

Wanted: Small Wonder Labs DSW xcvt for 40M - other bands considered. Problem rig,  
partially built, unbuilt OK, too.

Please let me know if you have one that is surplus to your needs.

Happy Holidays !

Alan, N3BJ  
Bent Mountain, VA

-----  
Date: Thu, 26 Dec 2002 18:06:16 +0000  
From: David Heintzleman <pstrdave@kdsi.net>  
To: blinn@smgazette.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [143190] Re: Just got a "NEW" Ten Tec  
Message-ID: <3E0B4518.7000502@kdsi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Hi, fun little rig, had PM3A, wiht semi breakin and sidetone. TenTec suggested always tune on the high side of zero beat, I went for a low tone and hoped the other fella had RIT or wide filter in place.  
lots of fun - esp on 20 mtrs  
have good time  
K8BBM

blinn wrote:

> Hi guys, gals and kids.... hope you all had a great day today.  
>  
> The "New" Ten Tec mentioned in the Subject line was a wonderful gift from a  
> cousin (KC0BD) in Kansas. How many of you remember model PM3I don't recall  
> ever seeing one before. It plays very well. Worked a station (NJ7M,  
> Chuck) in Boise this morning. He was very loud and gave me a 569, which  
> pleased me. The output of the PM3 reads 1.5 watts on my "Calibrated" NoGa  
> Wattmeter. The DC receiver seems to have great sensitivity. But.... no  
> RIT! The offset seems to be little or none. So, I'm wondering if someone  
> on the list has experience with the PM3 and is there a provision to shift  
> this baby a little to the left? Also, was this one of Ten Tec's early  
> kits? Or, was it a finished rig? And, while I'm asking, has anyone added  
> QSK to the PM3?  
>  
> JD (my cousin) knows how much I love CW QRP (and lower) so he was a very  
> thoughtful giver, sending me this little rig. It has two bands, 20 and 40  
> meters. Haven't tried 20 yet but maybe tomorrow. I took the cover off and  
> peeked inside, wow! The innards are in great condition no dust, dirt or  
> grime and I didn't see any smoke trying to get out either! :)  
>

> Thanks and Best Holiday Wishes to all the great guys and gals (kids too) on  
> the list. And.... I second the previous "Thank You" to all the parts  
> suppliers, kit providers, question answerers, especially a few that I  
> consider "High Calibre"... Paul Harden, Glen Leinwebber, Chuck Adams, Steve  
> Weber, Dave Benson... (Wow, I shouldn't have started listing.. it just goes  
> on and on.) These guys are great "Elmers," so let's give 'em three hardy  
> cheers for all the helpful advice, technique, product, etc., they've  
> provided over the years. Thanks so much, guys.

>  
> Best Regards,  
>  
> Bill - WA7TQK... in "Snowless" St. Maries Idaho. :)

>  
> ---  
> [SMGazette.com E-mail is scanned for viruses by Declude Virus]  
> [Visit us on the web at SMGazette.com]  
>  
>

-----  
Date: Thu, 26 Dec 2002 18:06:46 +0100  
From: Janne <sm6sjw@home.se>  
To: qrp-1@Lehigh.EDU  
Subject: [143191] UNSUBSCRIBE QRP-L  
Message-ID: <5.2.0.9.1.20021226180536.00bd15f0@pop.home.se>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

-----  
Date: Thu, 26 Dec 2002 11:54:42 -0600  
From: "Joe Martin" <km5cw@arrl.net>  
To: "qrp-1" <qrp-1@Lehigh.EDU>  
Subject: [143192] St. Louis Key,bug info on cleaning  
Message-ID: <015d01c2ad07\$deb9f3a0\$3e4bbbd0@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

In some earlier posting, I was asking for info on where to find the best  
contact cleaning product I've ever used in the past. Well, for any otheres

who would like to know, I found a supplier on the net,  
(www.partsexpress.com) the product is made by Caig chemicals, prod. name is  
DEOX-IT D5-56 on page 086 of there product catalog. I don't work for Caig  
and receive no compenstaion for sales<g>. This is the most popular cleaner  
there is for audiophiles who are very picky folks to say the least. The web  
site has answers to all your cleaning questions, and I personally promise  
that once you've used this to clean and maintain your keys contacts etc, you  
will never want to run out of the stuff. One can will last for years because  
you only need an ity bit bit sprayed on a part to get the best results you  
will ever hope to have.

73 de KM5CW Joe

FISTS #4217 QRPARCI #11368 NETXQRP#42

RockMite 20

GRID-EM13kf

(<http://web.wt.net/~km5cw>)

..\_ .-.. ..\_

-----  
Date: Thu, 26 Dec 2002 17:30:09 +0000

From: alk0frp@attbi.com

To: qrp-l@lehigh.edu

Subject: [143193] Fox Dec 19 2002 K0FRP

Message-ID: <200212261805.gBQI5bMn028896@rain.CC.Lehigh.EDU>

I sent this out Monday but as an attachcment and I guess qrp-l does not accept  
attachments.

Fox K0FRP December 19th 2002

MY RST 599 ON ALL

| CALL | RST      | SPC | NAME     | PWR |
|------|----------|-----|----------|-----|
| 0216 | N4ROA    | 599 | VA DAN   | 5W  |
| 0217 | AC5JH    | 599 | OK TOM   | 5W  |
| 0218 | K5TR 599 | TX  | GEO      | 5W  |
| 0219 | KR5C 599 | AZ  | GEORGE   | 5W  |
| 0219 | N9NE 599 | WI  | TODD     | 5W  |
| 0220 | K0EVZ    | 599 | ND DOC   | 5W  |
| 0220 | K3PH 599 | PA  | BOB      | 5W  |
| 0221 | K9IUA    | 559 | IA KEVIN | 5W  |
| 0222 | WW7Y 599 | UT  | STEVE    | 5W  |
| 0223 | K5LD 559 | TX  | DAN      | 5W  |
| 20   |          |     |          |     |
| 0224 | K4ADI    | 559 | SC FRANK | 5W  |
| 0225 | KG6CYN   | 599 | CA TREV  | 5W  |

|      |          |     |        |       |    |    |
|------|----------|-----|--------|-------|----|----|
| 0226 | VE4WI    | 559 | MB     | CRAIG |    | 5W |
| 0226 | W0UFO    | 559 | MN     | MERT  | 5W |    |
| 0227 | N3BJ 599 | VA  | ALAN   |       | 5W |    |
| 0228 | N5IB 559 | LA  | JIM    |       | 5W |    |
| 0228 | KU7Y 599 | AZ  | RON    |       | 5W |    |
| 0229 | K5PSH    | 599 | TX     | JERRY |    | 5W |
| 0230 | W5TB 559 | TX  | DOC    |       | 5W |    |
| 0231 | K5EOA    | 559 | LA     | WAYNE |    | 5W |
| 30   |          |     |        |       |    |    |
| 0233 | K4FB 579 | FL  | PAUL   |       | 5W |    |
| 0234 | W0CH 599 | MO  | DAVE   |       | 5W |    |
| 0235 | K5DI 599 | NM  | CARL   |       | 5W |    |
| 0236 | WD9F 559 | IL  | WOODY  |       | 5W |    |
| 0236 | W5YR 559 | TX  | GEORGE |       | 5W |    |
| 0238 | WB6BWZ   | 559 | GA     | MATT  | 5W |    |
| 0238 | K3IU 599 | RI  | KEN    |       | 5W |    |
| 0239 | K4RT 559 | GA  | JIM    |       | 5W |    |
| 0240 | NB7F 559 | OR  | LEE    |       | 5W |    |
| 0241 | W9XU 559 | WI  | LON    |       | 5W |    |
| 40   |          |     |        |       |    |    |
| 0242 | K5SR 559 | TX  | DALE   |       | 5W |    |
| 0242 | WA9TZE   | 559 | WI     | JIM   | 5W |    |
| 0243 | K40AH    | 559 | GA     | GARY  | 4W |    |
| 0244 | N3XRV    | 599 | PA     | CHRIS |    | 5W |
| 0245 | W9UQB/7  | 559 | AZ     | MIKE  | 5W |    |
| 0245 | N1FN 599 | CO  | ET     |       | 5W |    |
| 0246 | K7TQ 559 | ID  | RANDY  |       | 5W |    |
| 0247 | N0WX 599 | MN  | MIKE   |       | 5W |    |
| 0248 | KD1JV    | 559 | NH     | STEVE |    | 5W |
| 0249 | AF4LQ    | 559 | KY     | MIKE  | 5W |    |
| 50   |          |     |        |       |    |    |
| 0250 | VE5RC    | 559 | SK     | BRUCE |    | 5W |
| 0250 | N0HRL    | 559 | MN     | KEN   | 5W |    |
| 0251 | AA00 559 | LA  | VERN   |       | 5W |    |
| 0252 | WA2TDL   | 599 | NY     | RICK  | 5W |    |
| 0253 | K2TER    | 599 | NY     | BILL  | 5W |    |
| 0254 | N3ZPQ    | 559 | OH     | FRANK |    | 4W |
| 0255 | K5JHP    | 559 | TX     | BILL  | 5W |    |
| 0255 | WD7Z 559 | NM  | DAVE   |       | 5W |    |
| 0256 | W5USJ    | 559 | TX     | CHUCK |    | 5W |
| 0257 | W9HL 559 | IL  | RANDY  |       | 5W |    |
| 60   |          |     |        |       |    |    |
| 0257 | N2WW 599 | CO  | LARRY  |       | 5W |    |
| 0258 | WR50 599 | TN  | DAVE   |       | 5W |    |
| 0259 | K4TJD    | 559 | GA     | TOM   | 5W |    |
| 0300 | K5FSE    | 599 | GA     | JACK  | 5W |    |
| 0301 | VA6RF    | 559 | AB     | EARL  | 5W |    |
| 0302 | N4BP 559 | FL  | BOB    |       | 5W |    |

|      |        |     |    |       |    |       |
|------|--------|-----|----|-------|----|-------|
| 0302 | N5WL   | 559 | OK | BART  | 5W |       |
| 0303 | K0AAA  | 599 | MN | ZED   |    | 5W    |
| 0303 | WE9K   | 599 | WI | GLEN  | 5W |       |
| 0304 | AJ4AY  | 559 | AL | JAY   |    | 5W    |
| 70   |        |     |    |       |    |       |
| 0305 | AE4Y   | 559 | GA | KEN   | 5W |       |
| 0307 | N0UR   | 599 | MN | JIM   | 5W |       |
| 0308 | AG0T   | 599 | ND | TODD  | 4W |       |
| 0309 | N9TK   | 589 | CO | DAN   | 5W |       |
| 0309 | K5DW   | 559 | TX | DON   | 5W |       |
| 0310 | K5AIC  | 559 | MS | HERB  |    | 5W    |
| 0310 | K5ZE   | 559 | TX | LEW   | 5W |       |
| 0311 | W8YMO  | 559 | OH | HARRY |    | 5W    |
| 0312 | N0RC   | 559 | CO | ROD   | 5W |       |
| 0313 | K2TVY  | 599 | NJ | FRANK |    | 1W    |
| 80   |        |     |    |       |    |       |
| 0314 | K0PC   | 599 | MN | PAT   | 5W |       |
| 0315 | VE6EX  | 559 | AB | DAN   |    | 5W    |
| 0316 | AB5XG  | 559 | AR | BILL  |    | 5W    |
| 0317 | W0RSP  | 579 | SD | ADE   |    | 4W    |
| 0317 | K2PQ   | 589 | NJ | FRANK |    | 5W    |
| 0318 | KI0II  | 559 | CO | RON   |    | 1W    |
| 0319 | N9AW   | 559 | WI | JERRY |    | 5W    |
| 0320 | KR0U   | 539 | CO | TIM   | 5W |       |
| 0320 | K4BB   | 559 | KY | RAY   | 4W |       |
| 0321 | N1TP   | 599 | FL | TOM   | 5W |       |
| 9    |        |     |    |       |    |       |
| 0322 | K5ZTY  | 559 | TX | BILL  |    | 5W    |
| 0323 | K9DC   | 599 | IN | DAVE  | 5W |       |
| 0324 | KL7J   | 559 | AR | LES   | 5W |       |
| 0325 | W5KDJ  | 559 | TX | WAYNE |    | 800MW |
| 0326 | NN5E   | 559 | TX | VERN  | 5W |       |
| 0327 | AB9CA  | 559 | AL | DAVE  |    | 5W    |
| 0328 | NK9G   | 559 | WI | RICK  | 4W |       |
| 0328 | W2AGN  | 599 | NJ | JOHN  |    | 5W    |
| 0329 | N8XE   | 599 | OH | JASON |    | 5W    |
| 0330 | K5OI   | 559 | OK | TIM   | 5W |       |
| 100  |        |     |    |       |    |       |
| 0330 | KE6RS  | 599 | CA | RON   |    | 5W    |
| 0331 | KB7WW  | 599 | OR | ART   |    | 5W    |
| 0331 | W0SG   | 559 | CO | JASON |    | 5W    |
| 0332 | KB9YIG | 569 | IN | TONY  |    | 500MW |
| 0333 | W6ABC  | 559 | PA | JACK  |    | 5W    |
| 0334 | W9XT   | 599 | WI | GARY  | 5W |       |
| 0335 | W2RBA  | 559 | NY | JOE   |    | 5W    |
| 0335 | W5YA   | 599 | NM | FRED  | 5W |       |
| 0336 | K6MMC  | 559 | CA | MIKE  |    | 5W    |
| 0337 | KK5NA  | 559 | TX | JOE   |    | 5W    |



110

|      |       |     |     |        |       |      |    |
|------|-------|-----|-----|--------|-------|------|----|
| 0338 | NN0F  | 599 | IA  | JOHN   | 10W   |      |    |
| 0337 | W8RU  | 559 | MI  | RON    | 5W    |      |    |
| 0339 | K2ZN  | 579 | NY  | AL     | 5W    |      |    |
| 0340 | K9IS  | 559 | WI  | STEVE  |       | 5W   |    |
| 0341 | WS4S  | 559 | TN  | CONARD |       | 5W   |    |
| 0342 | KC9LC |     | 599 | VA     | RANDY |      | 5W |
| 0344 | AF4PS |     | 599 | FL     | MAC   | 3W   |    |
| 0344 | NU4V  | 589 | IA  | JOHN   | 3W    |      |    |
| 0345 | NV4VV |     | 559 | KY     | PETE  | 5W   |    |
| 0347 | W8EQA |     | 599 | UT     | DAN   | 100W |    |

120

|      |        |     |     |       |         |       |    |
|------|--------|-----|-----|-------|---------|-------|----|
| 0448 | KV2K   | 599 | NY  | TOM   | 5W      |       |    |
| 0349 | K50T   | 559 | WI  | LARRY |         | 3W    |    |
| 0351 | KC1FB  |     | 559 | CT    | JIM     | 500MW |    |
| 0351 | WA8BXN |     | 599 | OH    | MIKE    | 5W    |    |
| 0352 | K1KID  |     | 559 | MA    | CARL    | 4W    |    |
| 0354 | W4NJK  |     | 559 | CA    | CHARLIE |       | 5W |
| 0355 | KD5CMN |     | 559 | TX    | MIKE    | 5W    |    |
| 0356 | AD6JY  |     | 599 | CA    | DAN     | 5W    |    |
| 0356 | K8HJ   | 559 | MI  | JOHN  | 5W      |       |    |
| 0357 | K1WAY  |     | 559 | NY    | MIKE    | 5W    |    |

130

|      |       |     |     |      |       |  |    |
|------|-------|-----|-----|------|-------|--|----|
| 0358 | K8CV  | 579 | OH  | WALT | 5W    |  |    |
| 0358 | K2RSK |     | 559 | NY   | PETER |  | 5W |

0400 AND 5 SEC KC5C TX GEORGE TOO LATE

VIRTUAL QSO'S

|       |    |       |    |
|-------|----|-------|----|
| K3ESE | MD | LLOYD | 5W |
| K0FRP | CO | AL    | 5W |

134 Q'S 63 FIRST 45 MIN 69 LAST HOUR REAL QSO'S

-----  
Date: Thu, 26 Dec 2002 13:24:06 -0500  
From: wkhibbert@juno.com  
To: qrp-1@lehigh.edu  
Subject: [143194] The Radio Shack HTX-10: A Quick Review  
Message-ID: <20021226.132459.-379321.0.wkhibbert@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi. Keith here in the VERY SNOWY Depths of the Great Bergen Swamp

With the renewed interest in the Radio Shack 10 Meter rig, the HTX-10, I thought I would pass on my observations on the one I have been running;

The HTX-10 is a 25 watt single-band 10 Meter transceiver. The available modes are SSB, both Upper and Lower, FM and AM. The rig runs 25 watts out (nominal) on SSB and FM and 7 watts carrier on AM. There is no CW mode included, but you can receive CW just fine in either sideband.

The HTX-10 is the size of a large SSB/AM CB rig. It covers from 28.000 to 29.699 MHz. Radio Shack had their supplier provide the rig with a CPU

that thwarts attempts by CB'ers and Freebanders to move it down to the CB channels (and between 10M and 11M). I have yet to see a mod that has been tested out as reliable.

There are 5 memory channels or the VFO mode. The VFO tunes in steps, 1 KHz, 10 KHz or 100 KHz. There is a fine-tune knob that allows you to tune right in on the station you are working. It swings +/- 1.6 KHz on mine. For the FM repeaters, there is a programmable offset, it defaults at 600 KHz so you have to reset it to 100 KHz with a "Minus" offset to use the existing repeaters. The offset can also be used for split DX but I have never tried that.

The mike has the switching for the audio mute in it. This means that you have to have the mike plugged in to receive anything. The reason for this is that the audio section is switched over on AM to be used as the modulator. The connector is odd, but is available from either Universal Radio or Hosfelt Electronics.

The TX signal is good, great reports on SSB/FM and especially on AM. I have been running the rig in the truck, and with a cut down CB magnet mount can work most anyone I can hear. I took a converted CB that I also have on 10 Meter AM out and had my wife (Anne, WB1GVL) call me on 10 Meters with the HTX-10. Lots of clean audio and great fidelity. It sounds equally as good as my old 6146 final 6 Meter rig with an Eico modulator that I ran in the mid 60's.

Power-wise, the HTX-10 takes 12 - 16 volts at 4 amps on TX. The receiver, with the volume cranked to hear over the truck noise, pulls about 1.5 amps, and about 600 ma squelched. The squelch works on all modes.

FM reports are consistently good, and we have a pair of local FM repeaters here in the Rochester, NY area, one in Buffalo, too. I get fine reports with the 25 watts on all the machines.

The crystal filter is W-I-D-E! The bandwidth on SSB is about 3.5 KHz at -6 dB and better than 6 KHz at -30 dB. This is NOT a contest rig for the packed band. During the 10 Meter contest, I ran up above 28.8 MHz and had no problem with adjacent signals, and still found plenty of QSO's. The output on SSB can be throttled back to QRP just by turning the mike gain (a front panel control) back. On AM and FM, the power is fixed. I have heard that there are internal adjustments to crack it down, but never checked into it myself.

The documentation stinks. A little thin operating manual, no schematics and no specifications. The book is adequate to get you on the air and contains warnings about having an amateur license before you run the rig.

All in all, the rig is worth the asking price, even before the current sale. It would be ideal for a local net on 10 Meters or casual DX from the vehicle or home.

No commercial interest or ties to Radio Shack, I just use their products...

73, Wm. Keith Hibbert, WB2VU0, TC/WNY ARRL Section  
President, Brockport Amateur Radio Klub  
"My night light runs more power than my Rig!!!"

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Date: Thu, 26 Dec 2002 12:57:08 -0600  
From: "Jay" <aj4ay@worldnet.att.net>  
To: "Flying Pigs" <fpqrp-1@mpna.com>, "QRPL" <qrp-1@Lehigh.EDU>  
Subject: [143195] Garage Time and Discoveries - A little long  
Message-ID: <003c01c2ad10\$979d0fd0\$9270560c@jay>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

All,

We had a very nice day yesterday with plenty of food and good company.  
Still stuffed.

I have been able to put in some garage time (where my bench is located) over the last several days and have finally completed an Altoids kitting (3rd attempt). I mounted Don Brown's noise generator kit in an altoids tin. Works great. The noise generator with the K2 and Spectrogram program do make filter alignments easy. I managed to mess up my first effort at this by not paying attention to how far down the lid comes and drilled the hole in the wrong place. Scrapped that tin.

My first effort at using a tin for mounting radio thingees was with a fossil watch box. If you need a slightly larger box to mount a variable cap, etc. the metal watch boxes are really neat. The effort failed, not because of the box but my design was bogus. I went down to a local thrift store this AM and picked up another watch box for \$0.39. I am going to mount a 365pf variable cap and toroid to be used as part of a noise bridge, in conjunction with the noise generator (see Simple Test Equipment for the QRPer). Should

be a fun effort.

#### Discovery 1

I believe Dave WR50 posted a note in the last few days about finding some enameled wire at a hobby store. I went down to the local Hobby Lobby this AM and picked up a couple of spools of "Bead Wire" as they call it. One spool was red and the other green. The label said 24GAx24YDS. After opening it up, the spool label said (other than made in Taiwan) 26 GA wire. OK - not a big deal. I stripped some of the enamel (??) insulation to see if the wire was copper. It looked like copper and soldered like copper so I guess it is a duck. I wound 20 turns on a T50-2 and played some resonance games with it and a variable cap. Then I unwound the wire to look for insulation cracks or nicks. Under the magnifying glass, I was unable to find any. The coating (enamel or what ever) is an insulator. Cost of the wire was \$1.99 per spool and there were lots of various colors and sizes. If I remember Dave's post, he suggested staying away from the gold and silver colored wire (I did not get any of that to test). YMMV

#### Discovery 2

The Hobby Lobby also had copper wire mesh (#80 mesh) screen. The size appeared to be about 6 X 9 inches. I was unable to tell if this screen was coated with any enamel or other material. It looks like it could be used to line the inside of a wooden box in which a radio project is to be placed. I also found thin copper, brass and aluminum sheets of various sizes as well as rods of the same materials.

While I was there, I also picked up a few goodies to make a straight key for SKN. That ought to be a real hoot as I have never used a straight key.

As always, the usual disclaimers apply. Hope to see you in the MW contest and SKN. Happy holidays.

Jay  
AJ4AY  
Mobile, AL  
QRPL 1372, ARCI 8131, FISTS 7917, FP -115, SOC 220

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Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.427 / Virus Database: 240 - Release Date: 12/6/2002

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Date: Thu, 26 Dec 2002 12:07:11 -0800  
From: ronald@atdial.net  
To: qrp-l@lehigh.edu  
Subject: [143196] Help with Sprat CD  
Message-ID: <3E0AF0EF.23713.2F8289@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Greetings;

I have a copy of the Sprat CD for issues 1 to 100. It ran fine 6 months ago. A few days ago I tried to run it and it failed. Here is the error message I now get when starting the program. "Bei der Initialisierung der Borland Database Engine ist ein Fehler aufgetreten (Fehler \$3E06). The 0 in \$3E06 could be the letter O instead of the number 0. Babel Fish translates this to "During the initialization the Boron countries DATA cousin engine an error arose (error \$e06) the e has the slash on top. I tried uninstalling and reinstalling the program and during the reinstall got the following error message. "Merging the configuration file has failed. Configfile: c:\Program Files\Borland\Common Files\BDE\IDAPI32.CNF I have probably changed version of Adobe Acrobat Reader and this could be the problem. I now use version 5. I downloaded version 4 and installed it and still get the same error messages when trying to use Sprat.

If anyone can help, it would be appreciated. Offline would probably be best.

Thanks, and 72

Ron, KE6RS, ronald@atdial.net

-----  
Date: Thu, 26 Dec 2002 15:14:47 EST  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [143197] OT: National CB Channel 21.430  
Message-ID: <24.32d75dae.2b3cbd37@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I know this is a bit off QRP but if you want to hear what amateur radio has degenerated to give a listen on 21.430 any time after 1600Z. I got introduced to this when my grandson tuned across the band and picked up on some of the

most foul language I ever heard. Going back to pick up the call signs I discovered that several of the calls were bogus (KK6BF for one). I managed to find one with a legitimate call and sent him a note. It appears this has been going on for well over a year. (Heck you can pick up good tips on how to run the amp KW on 11 meters too)

I have sent several notes to both FCC and ARRL with no reply. We are worried about how to bring the kids into hobby. The bands are slowly degenerating to where you can no longer allow kids to listen in without adult supervision but this group is an absolute epitome of what is wrong with amateur radio.

In one of my notes to Mr. Haynie I suggested that this might be a good reason to go strictly to CW on ALL BANDS. My purpose in writing is to maybe to get a few of you to also write in. I will no longer sweat operating too close to the band edge knowing both FCC and ARRL must have known this has been going on for a long time and do nothing. My membership in ARRL may be up for question this year and I am sure this will bother ARRL.

I appreciate the bandwidth and an opportunity to vent my frustration to you folks. Back into my cave (smile).... Alan KB7MBI

-----  
Date: Thu, 26 Dec 2002 20:18:02 +0000  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [143198] [Archaic Methods] FWD: Filter Design, Modeling and Testing  
Message-ID: <F60mWecm9t0CI76r0Jh00000191@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

I am forwarding the following message that I posted to the Glowbugs list for the reason that perhaps someone here might share an interest or contribute an observation.

The coils mentioned in this post are available at Al Lasher's Electronics (<http://www.allashers.com/history.htm>). They are old (circa 1954) spare parts for an AN/TCC-4 telegraph terminal. Tom Hamblin suggested using them in lowpass filters and so we set about brainstorming and testing some ideas.

Mind you, we are thinking "hollow state" here.

Brad KG6IOE

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Tom Hamblin and I have been tossing ideas back and forth for the use of the 8.2/4.6 H coils that I found at Al Lasher's Electronics. After considering, simulating and testing a variety of low pass filter configurations, it seems

that the simplest switchable CW/phone design to implement would be either a 3-element or 5-element design where the full coil impedance is used for both filters and where the terminations are a hybrid between the two case.

I tested one coil and found a self-resonance at about 3300 cps. This corresponds to a distributed capacitance of about 290 pF. The coils also have a DC resistance of about 1000 ohms. Ignoring these non-idealities, for the moment, using target corner frequencies of 850 and 2200 cps for the two filters, we find that these two 5-element cases ideally are:

850 cps corner frequency:

27K impedance

13840 pf center capacitor and 4275 pF end capacitors

2200 cps corner frequency:

70K impedance

2065 pF center capacitor and 640 pF end capacitors

In use, the filter capacitors could be switched with a 3-pole switch and leaving everything else the same. Input impedance is set by the plate load and plate resistance of the tube before the filter and any series resistance included (such as between the blocking capacitor and the filter). The output impedance is set essentially by a volume control pot (100K) and any shunting resistance between the filter and the output or subsequent audio tube(s).

It makes most sense to use the 27K termination at the input and the 70K termination at the output so we decided to test a mismatched design.

Preliminary SPICE simulations predicted that mismatch should not drastically affect the design and so we proceeded. However, inclusion of the non-idealities from the distributed capacitance (modeled as a parallel capacitance) and the DC resistance (modeled as a series resistance) predicted that the rolloff in the 2200 cps filter should be steeper than usual BUT give a relatively shallow peak at frequencies above self-resonance. The 850 cps filter model also showed such a peak but it was at least 70 dB deep.

Experimental filters were constructed using convenient termination resistor values and capacitances (using single or pairs of 2% polystyrene capacitors). The equipment used was a semi-homebrew DDS signal generator and an HP 400L AC VTVM. Data are tabulated below. Filters were first terminated at their characteristic impedance and then with a mismatch as discussed above.

Observations:

1) The 850 cps filter rolled off steeply and exhibited no measurable peaks at high AF. The values shown at about 2400 cps and above were at the noise



floor of my VTVM\*. The mismatch caused the apparent corner frequency to increase a bit.

2) The 2200 cps filter exhibited a steep rolloff and attenuation trough at about 3000 cps followed by a plateau of about 27-30 dB down at higher AF. Mismatch deepened the trough but raised the subsequent plateau. The apparent corner frequency (around 1700 cps) in both cases was significantly lower than expected but is in agreement with the SPICE models which include the non-idealities of the coils.

I will plot these results and post them to the web when I get a chance.

Design Corner Frequency: 850 cps  
 Characteristic Impedance: 27 Kohm  
 Capacitor Elements: 13800 pF and 4300 pF

| Resistive Terminations IN:OUT |       |         |         |         |         |
|-------------------------------|-------|---------|---------|---------|---------|
| 27K:27K                       |       |         | 27K:68K |         |         |
| freq                          |       |         |         |         |         |
| cps                           | Vin   | Vout    | Attn dB | Vout    | Attn dB |
| 100                           | 0.295 | 0.14    | -0.45   | 0.205   | -0.26   |
| 150                           | 0.273 | 0.13    | -0.42   | 0.189   | -0.29   |
| 200                           | 0.26  | 0.124   | -0.41   | 0.178   | -0.39   |
| 300                           | 0.249 | 0.117   | -0.54   | 0.1685  | -0.49   |
| 400                           | 0.243 | 0.1145  | -0.52   | 0.1605  | -0.70   |
| 500                           | 0.242 | 0.1125  | -0.63   | 0.156   | -0.91   |
| 600                           | 0.24  | 0.11    | -0.76   | 0.1515  | -1.09   |
| 700                           | 0.239 | 0.105   | -1.12   | 0.146   | -1.38   |
| 800                           | 0.239 | 0.093   | -2.18   | 0.142   | -1.62   |
| 900                           | 0.238 | 0.072   | -4.36   | 0.134   | -2.09   |
| 1000                          | 0.238 | 0.0468  | -8.11   | 0.106   | -4.12   |
| 1100                          | 0.238 | 0.0288  | -12.32  | 0.064   | -8.50   |
| 1200                          | 0.238 | 0.0178  | -16.50  | 0.034   | -14.00  |
| 1300                          | 0.238 | 0.0109  | -20.76  | 0.0188  | -19.14  |
| 1400                          | 0.238 | 0.00695 | -24.67  | 0.01075 | -24.00  |
| 1500                          | 0.238 | 0.00445 | -28.54  | 0.0065  | -28.37  |
| 1600                          | 0.238 | 0.0029  | -32.26  | 0.00402 | -32.54  |
| 1700                          | 0.238 | 0.00195 | -35.71  | 0.00255 | -36.50  |
| 1800                          | 0.238 | 0.00132 | -39.10  | 0.0017  | -40.02  |
| 1900                          | 0.238 | 0.00092 | -42.24  | 0.00118 | -43.19  |
| 2000                          | 0.238 | 0.00068 | -44.86  | 0.00088 | -45.74  |
| 2200                          | 0.238 | 0.0005  | -47.53  | 0.00072 | -47.48  |
| 2400                          | 0.238 | 0.00046 | -48.26  | 0.00067 | -48.11  |
| 2600                          | 0.238 | 0.00045 | -48.45  | 0.00066 | -48.24  |
| 3000                          | 0.238 | 0.00045 | -48.45  | 0.00065 | -48.37  |
| 3500                          | 0.238 | 0.00045 | -48.45  | 0.00065 | -48.37  |
| 4000                          | 0.238 | 0.00045 | -48.45  | 0.00065 | -48.37  |
| 5000                          | 0.238 | 0.00045 | -48.45  | 0.00065 | -48.37  |

|       |       |         |        |         |        |
|-------|-------|---------|--------|---------|--------|
| 6000  | 0.238 | 0.00045 | -48.45 | 0.00065 | -48.37 |
| 8000  | 0.238 | 0.00045 | -48.45 | 0.00065 | -48.37 |
| 10000 | 0.238 | 0.00045 | -48.45 | 0.00065 | -48.37 |
| 12000 | 0.238 | 0.00045 | -48.45 | 0.00065 | -48.37 |
| 15000 | 0.238 | 0.00045 | -48.45 | 0.00065 | -48.37 |
| 20000 | 0.238 | 0.00045 | -48.45 | 0.00065 | -48.37 |

Design Corner Frequency: 2200 cps  
Characteristic Impedance: 68 Kohm  
Capacitor Elements: 2100 pF and 620 pF

| freq<br>cps | Resistive Terminations IN:OUT |         |         |         |         |
|-------------|-------------------------------|---------|---------|---------|---------|
|             | 68K:68K                       |         | 27K:68K |         |         |
|             | Vin                           | Vout    | Attn dB | Vout    | Attn dB |
| 500         | 0.242                         | 0.117   | -0.29   | 0.169   | -0.21   |
| 750         | 0.239                         | 0.116   | -0.26   | 0.167   | -0.21   |
| 1000        | 0.238                         | 0.115   | -0.30   | 0.1655  | -0.25   |
| 1250        | 0.238                         | 0.114   | -0.37   | 0.165   | -0.28   |
| 1500        | 0.238                         | 0.111   | -0.60   | 0.162   | -0.44   |
| 1750        | 0.238                         | 0.086   | -2.82   | 0.106   | -4.12   |
| 2000        | 0.238                         | 0.0364  | -10.29  | 0.0375  | -13.15  |
| 2100        | 0.238                         | 0.0235  | -14.09  | 0.0238  | -17.10  |
| 2200        | 0.238                         | 0.0144  | -18.34  | 0.0149  | -21.16  |
| 2300        | 0.238                         | 0.0088  | -22.62  | 0.0092  | -25.35  |
| 2400        | 0.238                         | 0.00527 | -27.07  | 0.00562 | -29.63  |
| 2500        | 0.238                         | 0.00313 | -31.60  | 0.00337 | -34.07  |
| 2600        | 0.238                         | 0.00196 | -35.67  | 0.00205 | -38.39  |
| 2700        | 0.238                         | 0.00144 | -38.34  | 0.0013  | -42.35  |
| 2800        | 0.238                         | 0.0013  | -39.23  | 0.00099 | -44.71  |
| 3000        | 0.238                         | 0.00126 | -39.50  | 0.00095 | -45.07  |
| 3200        | 0.238                         | 0.00139 | -38.65  | 0.00132 | -42.22  |
| 3400        | 0.238                         | 0.00164 | -37.21  | 0.00194 | -38.87  |
| 3600        | 0.238                         | 0.00203 | -35.36  | 0.00262 | -36.26  |
| 4000        | 0.238                         | 0.00275 | -32.72  | 0.00395 | -32.70  |
| 5000        | 0.238                         | 0.00372 | -30.10  | 0.00625 | -28.71  |
| 6000        | 0.238                         | 0.00396 | -29.56  | 0.0074  | -27.24  |
| 8000        | 0.238                         | 0.00379 | -29.94  | 0.00775 | -26.84  |
| 10000       | 0.238                         | 0.00347 | -30.70  | 0.00755 | -27.07  |
| 12000       | 0.238                         | 0.00322 | -31.35  | 0.00725 | -27.42  |
| 15000       | 0.238                         | 0.00305 | -31.82  | 0.007   | -27.73  |
| 20000       | 0.238                         | 0.00288 | -32.32  | 0.00679 | -27.99  |

\* Even with the input of my 400L short circuited, the needle on the lowest level scale settles to about mid-range. If anyone can offer advice on troubleshooting and remedying this situation, I would greatly appreciate it.

Brad KG6IOE

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Add photos to your e-mail with MSN 8. Get 3 months FREE\*.  
[http://join.msn.com/?page=features/  
featuredemail&xAPID=42&PS=47575&PI=7324&DI=7474&SU=  
http://www.hotmail.msn.com/cgi-bin/getmsg&HL=1216hotmailtaglines\\_addphotos\\_3mf](http://join.msn.com/?page=features/featuredemail&xAPID=42&PS=47575&PI=7324&DI=7474&SU=http://www.hotmail.msn.com/cgi-bin/getmsg&HL=1216hotmailtaglines_addphotos_3mf)

-----  
Date: Thu, 26 Dec 2002 15:28:31 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [143199] CapacitiveTouch pad IC  
Message-ID: <3.0.6.32.20021226152831.007a36c0@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I was looking through the new Digi-Key catalog that came in the mail today and spotted a chip which does a 4x4 touch pad switch matrix. I'm thinking this might make a great touch keyer with enough switches left over for all the various controls. Plus it only draws 960 uA. Think I'll order one. Should make for a nice light weight, no moving parts keyer/paddle for the field :-)

72,  
Steve, KD1JV  
"Melt Solder"  
White Mountains of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----  
Date: Thu, 26 Dec 2002 16:10:51 EST  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [143200] Panfish Pole Vertical--IMPRESSED  
Message-ID: <146.624b8eb.2b3cca5b@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Fishing for a simple and effective antenna for the upper HF bands? Well according to EZNEC a 14ft vertical is suppose to have some nice lobes on 20m and up and guess what, it does. I have been using the past few days the Panfish pole from Cabelas with a set of 12 16ft ribbon radials and fed with 300 ohm line. (It is 14ft and collapses down to 15 inches). On 15m and 10m I like it better than the 33ft high vertical for the low angles. The base is insulated from the ground so do not experience any problems from conductivity of the graphite material

Looking for a quick and dirty and effective 20m+ field antenna you might want to look at using this set up. Got one more on order to do a Buddie Pole clone.

Alan KB7MBI

-----  
Date: Thu, 26 Dec 2002 15:30:32 -0600  
From: "Doc K0EVZ" <dock0evz@earthlink.net>  
To: "qrp-l reflector" <qrp-l@lehigh.edu>  
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>  
Subject: [143201] Wanted--INRAD 751 cw filtre  
Message-ID: <41200212426213032389@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Gang:

Looking for an INRAD #751 CW filtre for a Ten-Tec OMNI VI+. Anyone have one you would be willing to sell? If so, please let me know. Thanks in advance.

73,  
--Doc/K0EVZ

-----  
Date: Thu, 26 Dec 2002 16:33:02 -0500  
From: guy ghisu <guyg@bellatlantic.net>

To: qrp-1@Lehigh.EDU  
Subject: [143202] Ten-Tec ebclosure closeout  
Message-ID: <3E0B758E.2020504@bellatlantic.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Hello and Seasons Greetings,

I just ordered a few enclosures from TenTec .Selected enclosures are reduced to \$5.00.Shipping is about \$6.00 .Stock up.They are nice enclosures(and very nice people too!).I have no pecuniary interest in TenTec but I would like to live in Tennessee and work for TenTec (Hi).Guy, kb3ckw

-----  
Date: Thu, 26 Dec 2002 16:44:52 -0500  
From: "NZ8J" <nz8j@woh.rr.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [143203] WTB: OHR Scaf Filter  
Message-ID: <005101c2ad28\$063bbab0\$6400a8c0@NZ8J>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Looking for an OHR scaf filter. If you have one please email details, condition, price, etc..

Thanks

Tim

NZ8J

-----  
Date: Thu, 26 Dec 2002 16:57:18 -0500  
From: "James Reid" <jreid4@earthlink.net>  
To: <qrp-1@lehigh.edu>  
Subject: [143204] Re: RFI from PCs  
Message-ID: <000701c2ad29\$c4e1ec40\$aa4179a5@net>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well, I think I've solved it. It was as simple as going to the local Radio Shack and buying an AC Interference filter P/N 1501111 (about 16 bucks).

I still hear a little hash on some discrete frequencies but it's nothing like the broadband wipeout I had before.

"Don't sweat the electrons...they're the small stuff."

Jim, KD3S

-----  
Date: Thu, 26 Dec 2002 16:55:22 -0500  
From: "Ken Newman" <N2CQ@Dandy.Net>  
To: "W3BG" <W3BG@arrl.net>, "Norm Into" <normk8ni@neo.rr.com>,  
"N4SO" <N4SO@Juno.com>, "QRP-L Reflector" <QRP-L@lehigh.edu>,  
Subject: [143205] [CONTEST] N2CQ QRP Contest Calendar, Dec 26-31  
Message-ID: <003201c2ad29\$81ef4040\$0b0a0a0a@D910G521>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CONTEST CALENDAR
December 26-31, 2002
~~~~~

40 METER FOXHUNTS  
Fox Hunt - Thursdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.  
Info: <http://www.cqc.org/fox>  
Truffle Hunt - Thursdays - 30 min before Fox Hunt  
Info: [http://fpqrp.com/pig\\_hunt.html](http://fpqrp.com/pig_hunt.html)  
~~~~~

Holiday Milliwatt CW Contest *** QRPP Contest ***
Dec 26 - 1800z to 2200z
Dec 27 - 2000z to Dec 28 0000z
Dec 28 - 2200z to Dec 29 0200z
Rules: <http://www.knightlites.org>
~~~~~

RAC Canada Winter Contest (CW/SSB) ... QRP Category  
Dec 28 - 0000z to 2359z  
Rules: <http://www.rac.ca/CANWIN.htm>  
~~~~~

Stew Perry (W1BB) Topband Distance Challenge (CW) ... QRP Category
Dec 28 - 1500z to Dec 29 - 1500z
Rules: <http://jzap.com/k7rat/stew.rules.txt>

~~~~~  
Original QRP Contest (CW - 80, 40 & 20m) ... QRP Category  
Dec 28 - 1500z to Dec 29 - 1500z  
Rules: <http://www.sk3bg.se/contest/origqrpc.htm>

~~~~~  
Thanks to SM3CER, WA7BNM, ARRL and others
for assistance in compiling this calendar.

Please foreward the contest info you sponsor to N2CQ@ARRL.NET and
we will post it and give it more publicity.
Anyone may use this "N2CQ QRP Contest Calendar" for your website,
newsletter, e-mail list or other media as you choose.
(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

<http://www.njqrp.org/data/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

<http://www.qsl.net/cqrp/contests.html>

Date: Thu, 26 Dec 2002 22:50:43 +0000
From: jacksonharbor@att.net
To: qrp-l@lehigh.edu
Subject: [143206] RE: CapacitiveTouch pad IC
Message-ID: <20021226225043.ZMSW20003.mtiwmhc13.worldnet.att.net@mtiwebc19>

>and spotted a chip which does a 4x4 touch pad switch matrix. I'm thinking
>this might make a great touch keyer with enough switches left over for all

Steve -

I got some samples several years ago of a QPROX chip from:

<<http://www.qprox.com/>>

These were 8 pin parts, seem to have a PIC pinout but I'm not sure
what's inside.

Anyway, tried them for a paddle, as I recall, they were just too slow -
as a regular switch they were OK, but not quite fast enough for a paddle
at 18 wpm.

Not sure if you are looking at something similar or a new thingy.

It's hard to beat a mechanical switch, they are low power, have tactile feedback and can be quite reliable.

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press

Date: Thu, 26 Dec 2002 16:11:20 -0700
From: "Jess Gypin" <jessmx5@earthlink.net>
To: <hfpack@yahoogroups.com>, <FT817@yahoogroups.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [143207] SLV information posted at the HFpack group site on yahoo.
Message-ID: <015601c2ad34\$1c0b4340\$41365742@jgypin>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have posted the original Norcal QRP club web page that contains the information on the original St Louis Vertical at the HFpack file repository on yahoo. It is under the files section in a folder called SLV. I have also posted the original email that I sent to QRP-L in 1996 and the crummy drawing that I did on the coil as well. I will also drop some pics there of the antenna that I tried to take this afternoon. If you have any questions, please feel free to ask.

Jess AE0CW <><

Date: Thu, 26 Dec 2002 23:17:02 +0000
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: glowbugs@piobaire.mines.uidaho.edu, qrp-l@lehigh.edu
Cc: hamblin@mirusinternational.com
Subject: [143208] Re: GB> Filter Design, Modeling and Testing
Message-ID: <F160fYDovvQ0Puz63Bm00012639@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

OK, here is a hastily prepared write-up including drawings courtesy of Tom

Hamblin and plots of my data:

<http://www.geocities.com/alibhernlem/Radio/antcc4filters.html>

Brad KG6IOE

The new MSN 8: smart spam protection and 3 months FREE*.
http://join.msn.com/?page=features/junkmail&xAPID=42&PS=47575&PI=7324&DI=7474&SU=http://www.hotmail.msn.com/cgi-bin/getmsg&HL=1216hotmailtaglines_smartspamprotection_3mf

Date: Thu, 26 Dec 2002 16:24:31 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [143209] qrp WAS
Message-ID: <Pine.LNX.4.44.0212261617090.2231-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have decided to work a QRP WAS and need some help on the best way to go about it. It's obvious I need to get on the air more and am thinking I would send a card and sase to the Hounds I work as a Fox. Does this sound like a good idea?

As always I will need to listen to 15 meters for Alaska and Hawayii which I can't even spell, much less work!

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Thu, 26 Dec 2002 16:39:18 -0700
From: "Dave WR50" <dendav@dzn.com>
To: "QRPL" <qrp-1@lehigh.edu>, "Flying Pigs" <fpqrp-1@mpna.com>
Subject: [143210] Re: Garage Time and Discoveries - A little long
Message-ID: <001801c2ad39\$c7d8a3c0\$b16357d1@dwinfield>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

As a follow up to Jay's post:

I had initially posted on FPQRP about my experience with the enameled wire sold by Parawire (www.parawire.com/craftstore.html) . Jay's just being modest. If anything, Jay AJ4AY and Steve K8PZ pointed out to me that Michael's sells enameled wire. Now I understand why my wife didn't want me to go inside :-D.

My wife makes jewelry with beads and stuff, so I don't remember who "discovered" Parawire first. I just filed away the fact that they sold different sizes and colors of "magnet" wire, and when my wife wanted to order some stuff called memory wire to make something, I asked her to get Parawire's six pack special in 24 gauge. For six 60 foot rolls, it came to \$15.00. They carry 12 to 32 gauge wire, and also sell larger single rolls in assorted colors.

I don't have all the particulars in front of me and this post is going to be a little long, so you may want to check out their website at the URL above for what they have.

In summary, the 24 gauge six pack came with 60 feet each of four "regular" colors and two metallic, gold and silver. I suspected that the gold and silver had some type of metallic coating, and when checked with an ohmmeter, it read as a dead short. Being myopic, I couldn't even tell where I had stripped the leads on the gold colored wire. I concluded that since the coating was conductive, it was unsuitable for my use. The coating on the four "regular" colors did not conduct, so I used a T50-2 core and wound 10 turns of the new wire as a test. I also took this as an opportunity to check out Diz's toroid program and my AADE LC meter.

Diz's program calculated an inductance of 0.49 uH. I came up with 0.549 uH on the test toroid. I'm not an experienced builder, but I believe that 0.06 uH is not a significant difference for most cases, and I didn't try to tweak it. If I'm wrong, it's because 10% tolerance is good enough for most components and I just don't know any better :-). I then unwound the wire and examined the coating to see if it flaked off anywhere. I didn't see any, but remember I am myopic. It wasn't very difficult (perhaps 4 or 5/10 with 10 being impossible) to strip the ends.

I have no financial interest in Parawire. I just bought their wire, checked it out and concluded that at 4 cents a foot, it wasn't a bad deal for something to make my building a little easier. YMMV. For those who don't have a Hobby Lobby, Michael's or other craft store chain locally, it may be an option.

Season's Greetings to all!

72/73 es oo,

Dave Winfield, WR50
El Paso, Texas DM61ts
FP# -109, SOC #371, ARS #996,
Zombie #793, QRPp #328, ARRL

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(\____/)\n/_ _ _ \n(\ (oo) )\n \-..~-.-/
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"Oink Oink"

graphic swiped from VA3RJ

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.431 / Virus Database: 242 - Release Date: 12/17/02

End of QRP-L Digest 2781
